

TOTTINGTON
URBAN DISTRICT COUNCIL

Annual Report

OF THE
MEDICAL OFFICER OF HEALTH,
1908,

(January 1st to December 31st.)

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Medical Officer's Annual Report.



Population, 1891	5768
„ 1901	6118
Estimated Population, 1908	6925
Area in Statute Acres	2655
Estimated number of inhabited houses (1901)	1153
„ „ „ „ „ „ (1902)	1341
„ „ „ „ „ „ (1903)	1368
„ „ „ „ „ „ (1904-5)	1400
„ „ „ „ „ „ (1906)	1432
„ „ „ „ „ „ (1907)	1463
„ „ „ „ „ „ (1908)	1488
Average No. of persons per house 4·6.	



To the Members of the Tottington Urban District Council.

Gentlemen,

I have the pleasure of submitting my Annual Report upon the health of your District for the year 1908.

Birth Rate,—During the year above mentioned, 113 births have been registered in the district, of which number 58 were males and 55 females, representing a birth rate of 16·31 per thousand, the births were distributed over the

various wards as follows :

Chapel Ward	18
Church Ward	18
Greenmount Ward... ..	25
Hawkshaw Ward	9
Walshaw Ward	43
	—113

The birth rate for the year 1908 is 16·31 per thousand, (this being the lowest recorded,) and for the several years years since the constitution of Tottington as a separate district is as follows ;—

Birth rate for 1899 was 14·1 per thousand (9 months)

„	1900	19·96	„	(per annum)
„	1901	22·06	„	„
„	1902	17·98	„	„
„	1903	16·66	„	„
„	1904	18·60	„	„
„	1905	19·06	„	„
„	1906	17·42	„	„
„	1907	21·37	„	„
„	1908	16·31	„	„

Illegitimate Birth Rate. There has been one illegitimate birth during the year, a female, equal to a birth rate of ·88 per cent. The birth rate under this head in previous years was

1899	1·81 per cent
1900	3·96 „
1901	·74 „
1902	·9 „
1903	1·9 „
1904	4·16 „
1905	3·25 „
1906	1·74 „
1907	·67 „
1908	·88 „

The Death Rate.—During the year, 82 deaths have been recorded in the Tottington district, and in addition to this number must be added the 8 deaths of Tottington residents in other districts, viz. 7 in Bury Workhouse, and 1 in Manchester Royal Infirmary. The total number of deaths of persons belonging to the district is therefore 90. Of this number 40 were males and 50 females.

Three deaths occurred in the Hollymount Poor Law Schools, situated in Greenmount Ward.

The death rate for the whole district for the year 1908 is 12·99

The death rate in previous years was

1899	...	...	...	17·97	per thousand.
1900	...	...	...	15·35	
1901	...	...	...	15·85	
1902	...	...	...	12·42	
1903	...	...	...	14·12	
1904	...	...	...	15·81	
1905	...	...	...	13·33	
1906	...	...	...	15·15	
1907	...	...	...	11·92	
1908	...	...	...	12·99	

The deaths occurred in the various Wards of the district as follows :

Chapel Ward	...	...	22·
Church Ward	...	...	14
Greenmount Ward	...		21
Hawkshaw Ward	...		7
Walshaw Ward	...		26—Total 90

Infantile Mortality.—The number of deaths occurring under the age of one year was 11, and the mortality rate is 97·34 per thousand. The deaths occurred in the different localities as follows :

Chapel Ward	4
Church Ward	2
Greenmount Ward ...	3
Hawkshaw Ward ...	0
Walshaw Ward ...	2—Total 11

The death rate under this heading in previous years was

In 1899	127·27 per thousand.
1900	63·5
1901	133·33
1902	100·
1903	57·14
1904	116·66
1905	97·56
1906	156·50
1907	74·8
1908	97·34

Mortality over the age of one year and under the age of five years. The number of deaths occurring between the above mentioned ages was 2, giving a death rate of ·288 per thousand. In 1907 the death rate under this heading ·91 per thousand.

Mortality over the age of five years and under the age of fifteen years. The number of deaths occurring between these ages was 5, giving a death rate of ·722 per thousand. The rate for 1907 was ·147 per thousand.

Mortality over the age of fifteen and under twenty-five years. The number of deaths under this heading was five, giving a death rate of $\cdot 722$ per thousand. The rate for 1907 was $\cdot 294$ per thousand.

Mortality over the age of twenty-five and under sixty-five years. The number of deaths occurring between these ages was 34, giving a death rate of $4\cdot 909$ per thousand. The rate for 1907 was $5\cdot 292$ per thousand.

Mortality amongst aged people, *i.e.* over sixty-five years. The number of deaths of persons over the age of sixty-five years was 33, giving a death rate of $4\cdot 765$ per thousand. In 1907 the rate was $4\cdot 263$ per thousand.

Infectious Diseases.—During the year 1908, 18 cases of Infectious disease have been notified, of which number 8 have been removed to the Joint Hospital, (Isolation), at Bury, 3 were treated at the Isolation Hospital in connection with the Holly Mount Poor Law Schools in which Institution these three cases occurred, whilst the remainder were treated at their homes (7).

The premises from which each case of Infectious disease was removed, have been thoroughly fumigated with Sulphur and sprayed with Formalin, as also have the rooms in which patients were treated at their own homes, after recovery.

The Ward distribution of cases of Infectious disease is as follows :

Chapel Ward	...	...	...	3
Church Ward	...	...	...	5
Greenmount Ward	...	...	...	4
Hawkshaw Ward	..	...	...	1
Walshaw Ward	...	...	...	5
—				Total 18

And the distribution of Infectious disease in the District during previous years is as follows :

	Chapel Ward.	Church Ward.	Greenmount Ward.	Hawkshaw Ward.	Walshaw Ward.	Total.
In 1901.....	3	2	8	3	3	19
1902.....	8	0	3	3	7	21
1903.....	13	5	4	8	20	50
1904.....	16	6	26	20	14	82
1905.....	14	2	29	0	4	49
1906.....	4	0	7	2	6	19
1907.....	5	0	28	2	3	38
1908.....	3	5	4	1	5	18

The number of cases of Infectious disease is the lowest recorded since the formation of the district into a separate authority

Scarlet Fever.—11 cases of this disease have been notified.

2 under the age of one year,
 5 „ „ five years,
 4 „ „ fifteen years.

The Ward distribution of this disease was :

Chapel Ward	...	...	3
Church Ward	...	...	4
Greenmount Ward	...	...	3
Walshaw Ward...	...	...	1
— Total			11

Chicken Pox.—This disease has been epidemic during the summer months and in July it was considered advisable to close the Schools in Greenmount Ward. This matter formed the subject of a special Report to the Local Government Board.

Measles.—This disease also has been very prevalent during the last two months of the year, and in consequence, the St. Anne's School, situated in Church Ward, was closed 2 weeks before the time for the Christmas vacation, (2 weeks). The School was afterwards fumigated and cleaned. The Schools in connection with St. John's Free Church of England were also disinfected and cleaned on account of the prevalence of Measles amongst the pupils attending this School. These Schools were not closed.

Diphtheria and Membranous Croup.—One case of Membranous Croup has been notified in Walshaw Ward, and was removed to the hospital.

Enteric Fever.—Four cases of this disease have been notified, one in Church Ward, one in Walshaw Ward, one in Greenmount Ward, and one in Hawkshaw Ward.

Of this number two were removed to the Isolation Hospital.

All the cases recovered.

One of the cases was traceable to sanitary defects which were afterwards remedied ; one was contracted during a visit to another district. The cause of the other two cases was not made out, but the milk and water supply in all these cases was satisfactory, and do not seem to have been a factor in the causation.

Small Pox.—There have been no cases of this disease.

Bakehouses (7). No sanitary defects have been reported in connection with these places. The premises have been kept clean, and are well conducted.

Slaughter Houses (5). These premises have been periodically visited, and on the occasion of my visits, I have found them in a satisfactory condition.

I have also visited, along with the Sanitary Inspector, (Mr. L. Kenyon), one farm, to inspect the carcase of a beast intended for human consumption. In this case sale for human consumption was permitted.

Houses of the Working Classes:—Twenty-five houses have been erected in the district during the year, viz: 4 in Walshaw Ward, 12 in Chapel Ward, 5 in Hawkshaw Ward, and 4 in Church Ward. The erections are of the usual type, and present no special features. In this connection, I strongly recommend the Council to encourage the adoption of fresh water closets, with a view to the diminution in the number of middens, and consequently of nuisances and diseases, liable to arise from defects in the last named structures. I think that it would supply a great public need if provision was made for baths in houses which could be let at rates suitable for the working class in this district.

I have had occasion to report one case of overcrowding during the year, the premises being situated in Greenmount Ward.

There are no registered lodging houses in the district.

The average number of persons per house is 4·6.

Zymotic Diseases.—One death has been registered as being due to Zymotic disease. The death rate under this heading is ·144 per thousand.

In 1899 death rate from this cause was 1·47 per 1000.

1900	„	„	„	1·27	„
1901	„	„	„	1·75	„
1902	„	„	„	·49	„
1903	„	„	„	1·9	„
1904	„	„	„	15·5	„
1905	„	„	„	1·085	„
1906	„	„	„	1·21	„
1907	„	„	„	·58	„
1908	„	„	„	·144	„

Drainage and Sewerage,—Additions have been made during the year to the existing drainage and sewerage system, and the condition of the sewers continues good. The sewage is treated at the Sewage works by settlement in tanks, precipitation, by alumino-ferric, and land filtration. This system continues to work satisfactorily, and the effluents have been favourably reported upon: with one exception—this being due to some defect in connection with one of the filter beds.

Scavenging. This has been satisfactorily conducted during the year, and complaints in connection with this department have been comparatively few in number. The system employed is that of letting by contract—the emptying of ashpits and middens.

I would urge that, in future, in letting the contracts for the emptying of middens, privies, etc., where the contents of such receptacles must necessarily be temporarily dumped on the footpath of the main streets, that it be stipu-

lated in the contract that such operations should be conducted during the night. I think also that the street scavenging ought to be conducted by wet cleansing, and not by the present method, which raises too much dust.

By way of minimising the nuisances arising in connection with privy middens, I would recommend that the interior of these structures be limewashed ; since they serve as excellent breeding grounds for all kinds of vermin and flies ; but the best method to adopt is to encourage the adoption of fresh water fittings to the closets.

No nuisances have been reported in connection with the "tips."

Cowsheds and Dairies.—The condition of these is on the whole, satisfactory. No case of Infectious disease has been notified as having occurred on any farm premises.

The average air space in cowsheds in this district is about 600 cubic feet per head of cattle.

No complaints in connection with the quality of the water supply to farm premises have been noted during the year, and the water supply has been satisfactory as regards quantity.

Water Supply.—The water used for domestic and drinking purposes is derived from sources under the control of the Bury and District Joint Water Board, and has been satisfactory as regards quantity during the year, although the quality has periodically been somewhat indifferent. This probably arises from defects connected with the distributing mains or pipes connected with them. Complaints are still received from the Hawkshaw district as regards the quantity ; scarcity being alleged.

Factory and Workshops Act.—I have visited the different factories and workshops situated in the district during the year.

No new industries have been established. Those already existing and in operation in this district comprise Weaving 6 sheds, Calico Printing with dyeing and engraving 1, Cloth bleaching 2, Cotton waste bleaching 1, Steam laundry 1.

Workshops : Tin and coppersmiths 1, Blacksmith 1, Plumbers 2, Joiners 4, Wheelwright 1, Cabinet making 1, Iron foundry 1.

Work Places : Bakehouses 7, Laundry 1, Dressmaking, etc. 3.

The number of persons employed at the different Factories and Workshops, etc. is not materially different from that specified in previous reports.

The sanitary conveniences also are numerically the same as last year with the exception of those in connection with the Calico Printing establishment which concern has increased their sanitary accommodation by one closet.

The sanitary requirements as regards lime-washing and painting are periodically fulfilled, and no nuisances likely to arise in connection with the sanitary conveniences have been reported during the year ; these places have been kept clean and were in good condition at the time of my visit.

No additions have been made in any of the factories to the already existing means of escape in case of fire.

The ventilation and amount of air space is on the whole fairly satisfactory.

A register of the different factories and workshops in the district is kept.

I append the tables of statistics for the year 1908 and previous years, and also have the pleasure to include the report of Mr. Lawrence Kenyon, the Sanitary Inspector of the district

I am, Gentlemen,

Yours obediently,

A. H. POOLE, M.D.,

Medical Officer of Health.

January 30th, 1909.

SANITARY INSPECTOR'S REPORT

For the Year ending 31st December, 1908.



Sanitary requirements attended to	185
Number abated	166
Number of Notices served	11

CLASSIFICATION.

Privy and Ashpit nuisances	67
Defective Privies and Ashpits	16
Insufficient Ashpit accommodation	7
Defective Drainage	75
Farm premises requiring lime-washing	10
Insanitary condition of Premises	2
Miscellaneous Nuisances.....	8
	<hr/>
	185
	<hr/>
Houses disinfected after Infectious disease.....	8
Schools disinfected	3
Smoke Observations taken	12

The farms in the District have been visited periodically. One cowshed has been rebuilt, and improvements have been carried out at three others.

One case of slaughtering a beast under adverse circumstances took place at a farm. The carcase was duly inspected along with the Medical Officer of Health, and passed as fit for human consumption.

The five licensed slaughter houses in the district have been, regularly visited, and they are kept in a cleanly condition, the removal of the offal being well attended to. The meat has been of good quality.

The removal of house refuse is done under contract, and has been carried out in a satisfactory manner, the number of complaints being less. The following is a Statement of the work done during the year.

Ashpits emptied	1476
Pails ,,	3829
Cesspools ,,	46

Thanking you for your kindly consideration during the year,

I remain,

Yours obdiently,

LAWRENCE KENYON,

Sanitary Inspector.

TOTTINGTON DISTRICT.—Vital Statistics of Whole District during 1908 and Previous Years.

TABLE I.

Y EAR.	Population estimated to Middle of each Year.	BIRTHS.			TOTAL DEATHS REGISTERED IN THE DISTRICT.				TOTAL DEATHS IN PUBLIC INSTITU- TIONS IN THE DISTRICT.	Deaths of Non- residents registered in Public Institutions in the District.	Deaths of Residents registered in Public Institutions beyond the District.	NETT DEATHS AT ALL AGES BELONGING TO THE DISTRICT.	
		Number.	Rate*	Under 1 year of age.	Number.	Rate.*	Number.	Rate.*					
												Rate per 1,000 Births registered.	Rate.*
I	2	3	4	5	6	7	8	9	10	11	12	13	
1899.	6059	110	14.11	14	127.27	82	17.97	16	...	...	66	14.46
1900.	6312	126	19.96	8	63.50	93	15.35	12	2	5	96	15.20	
1901.	6118	135	22.06	18	133.33	97	15.88	12	...	3	97	15.85	
1902.	6118	110	17.98	11	100.00	76	12.42	3	3	2	76	12.42	
1903.	6300	105	16.66	6	57.14	89	14.12	2	1	7	89	14.12	
1904.	6450	120	18.60	14	116.66	102	15.81	5	...	18	102	15.81	
1905.	6450	123	19.06	12	97.56	86	13.33	1	...	10	86	13.33	
1906.	6600	115	17.42	18	156.53	100	15.15	2	5	6	94	14.24	
1907.	6800	147	21.37	11	74.80	74	10.76	1	...	8	82	11.92	
Averages for years 1899-1907.	6356	121	18.58	12.4	102.98	88.77	14.53	6	1.2	6.5	87.5	14.15	
1908.	6925	113	16.31	11	97.34	90	12.99	3	...	8	90	12.99	

Area of District in acres (exclusive of area covered by water)... 2655.
Total population at all ages... 6925. Number of inhabited houses... 1488.

Average number of persons per house... 4.6.
* Rates in Columns 4, 8, and 13 calculated per 1000 of estimated population.

TABLE I.—Continued.

I. Institution within the District receiving sick and infirm persons from outside the District.	II. Institutions outside the District receiving sick and infirm persons from the District.	III. Other institutions, the deaths in which have been distributed among the several localities in the District.
None.	Bury Union Workhouse Isolation Hospital at Bury	Bury Union Workhouse Manchester Royal Infirmary Holly Mount Poor Law Schools
Is the Union Workhouse within the District?—No.		

TABLE II.

TOTTINGTON DISTRICT. — Vital Statistics of separate Localities in 1908 and previous years.

NAMES OF LOCALITIES.	1. Tottington District.				2. Chapel Ward.				3. Church Ward.				4. Greenmount Ward.				5. Hawkshaw Ward.				6. Walshaw Ward.			
	Population estimated to middle of each year.	Births registered.	Deaths at all ages.	Deaths under 1 year.	Population estimated to middle of each year.	Births registered.	Deaths at all ages.	Deaths under 1 year.	Population estimated to middle of each year.	Births registered.	Deaths at all ages.	Deaths under 1 year.	Population estimated to middle of each year.	Births registered.	Deaths at all ages.	Deaths under 1 year.	Population estimated to middle of each year.	Births registered.	Deaths at all ages.	Deaths under 1 year.	Population estimated to middle of each year.	Births registered.	Deaths at all ages.	Deaths under 1 year.
1899	6059	110	66	14	...	30	19	...	...	20	16	...	...	20	22	...	...	14	3	...	...	42	33	...
1900	6312	126	96	8	...	34	31	2	...	23	9	1	...	23	22	1	...	12	10	2	...	46	35	6
1901	6118	135	97	18	...	27	16	6	900	14	10	...	1211	18	18	3	564	15	14	...	2031	36	18	2
1902	6118	110	96	11	1412	21	21	1	940	21	18	2	1320	21	17	1	568	7	7	...	2050	33	26	2
1903	6300	105	89	6	1482	28	21	2	944	19	15	3	1414	23	26	4	590	9	6	1	2075	41	31	4
1904	6450	120	102	14	1427	30	25	3	944	19	15	...	1414	26	15	4	590	9	7	...	2075	39	24	5
1905	6450	123	86	12	1427	24	29	7	944	12	17	3	1439	21	19	2	625	9	8	...	2163	49	27	6
1906	6600	115	100	18	1437	39	17	5	951	21	14	2	1467	18	18	2	679	13	7	2	2241	56	26	...
1907	6800	147	81	11	1459	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Averages of years																								
1898 to 1907	6356	121	90.3	12.4	1440	29	22.3	4.1	937	18.2	14.2	1.6	1377	21.2	19.5	2.2	602	11	7.7	7.3	2106	42.7	27.3	3.6
1908	6925	113	90	11	1511	18	22	4	971	18	14	2	1474	25	21	3	701	9	7	...	2268	43	26	2

TABLE III.
TOTTINGTON DISTRICT.
Cases of Infectious Disease notified during the Year 1908.

Notifiable Diseases.	Cases Notified in whole District.					Total Cases Notified in each Locality.					No. of Cases Removed to Hospital from each Locality.					
	At all Ages.	At Ages—Years.				Chapel Ward.	Church Ward.	Greenmount Ward.	Hawkshaw Ward.	Walshaw Ward.	Chapel Ward.	Church Ward.	Greenmount Ward.	Hawkshaw Ward.	Walshaw Ward.	Total cases removed to Hospital.
		under 1.	1 to 5.	5 to 15.	15 to 25.												25 to 65.
Diphtheria (including Membranous Croup	1	1		1											1	1
Erysipelas	2			1												
Scarlet Fever	11	2	5	4		3	4	3			3	1	3		1	8
Enteric Fever	4		1		3		1	1	1							2
Totals.....	18	3	6	4	1	3	5	4	1	5	3	2	4		2	11

Isolation Hospital—Florence Nightingale Hospital.

TABLE IV.

Causes of, and Ages at, Death during Year 1906.

CAUSES OF DEATH.	DEATHS IN OR BELONGING TO WHOLE DISTRICT AT SUBJOINED AGES.							DEATHS IN OR BELONGING TO LOCALITIES (AT ALL AGES).						TOTAL DEATHS IN PUBLIC INSTITUTIONS IN THE DISTRICT.
	All ages	Under 1 year.	1 and under 5	5 and under 15.	15 and under 25.	25 and under 65.	65 and upwards.	Chapel Ward.	Church Ward.	Greenmount W.	Hawkshaw Ward	Walshaw Ward.		
1	2	3	4	5	6	7	8	9	10	11	12	13	14	
Scarlet Fever.....														...
Fever—Enteric.....														...
Epidemic Influenza .....														...
Whooping Cough.....	1		1							1				...
Phthisis	8			2	3	3		2	3	1	1	1		1
Other tuberculous diseases	6	2	1	3				1	2	2		1		1
Cancer, malignant disease	3					2	1			2		1		...
Bronchitis	10	1				2	7	6			2	2		...
Pneumonia	5	1				3	1	2	1	1	1			...
Pleurisy .....														...
Alcoholism														...
Cirrhosis of Liver...	2					2		2						...
Premature birth	3	3								2		1		...
Heart diseases	21				2	13	6	2	5	3	1	10		...
Accidents .....														...
Suicides .....														...
Certified by Coroner .....														...
Senile decay	8						8	3		2		3		...
Cerebral Hæmorrhage ...	10					4	6	1	2	5	1	1		...
Convulsions	2	2						1				1		...
Asthenia .....														...
All other causes	9					5	4	1	1	3	1	3		1
Marasums	2	2							1	1				...
All causes	90	11	2	5	5	34	33	21	15	23	7	24	...	3

TABLE V.
 Infantile Mortality during the year 1908. Deaths from stated causes in
 Weeks and Months under one Year of Age.

CAUSES OF DEATH.	Under 1 week	1-2 Weeks.	2-3 weeks.	Total under 1 month.	2-3 months.	3-4 months.	6-7 months.	9-10 months.	10-11 months	11-12 months	Total deaths under 1 year
All causes, certified ...	2	3	...	5	2	3	...	...	...	1	11
Premature Birth	2	...	...	2	...	1	...	...	...	...	3
Atrophy, Debility, Marasmus .....	...	1	...	1	...	1	...	...	...	...	2
Tuberculous Meningitis	...	...	...	...	1	...	...	...	...	...	1
Tuberculous	...	...	...	...	...	...	...	...	...	...	1
Peritonitis	...	...	...	...	...	1	...	...	...	...	1
Convulsions .....	...	2	...	2	...	...	...	...	...	...	2
Pneumonia .....	...	...	...	...	1	...	...	...	...	...	1
Bronchitis .....	...	...	...	...	...	...	...	...	...	1	1
	2	3	...	5	2	3	...	...	...	1	1

District of Tottington—Births in the year, legitimate 112, illegitimate 1, total 113.

Deaths in the year of legitimate infants 11, illegitimate infants 0

Deaths from all causes at all ages 90. Population, (estimated to middle of 1908), 6925.

FACTORIES, WORKSHOPS, WORKPLACES, and HOMEWORK.

1.—Inspection of Factories, Workshops, and Workplaces.			
	Inspections.	Written Notices.	Prosecutions.
Factories, (Including Factory Laundries)...	... 22	1	...
Workshops, (including Workshop Laundries) ...	20	...	...
Workplaces, (other than Outworkers' premises included in Part 3 of this Report) ..	14	...	...
Total		56	1
			...

2.—Defects found in Factories, Workshops and Workplaces.—None.

3.—Home Work.—No Home Work under any of these headings.

4.—Registered Workshops.

Tin and Copper Smiths	...	...	1
Blacksmiths	...	...	1
Plumbers	...	...	2
Ironfounders	...	...	1
Joiners and Builders...	...	...	2
Wheelwrights...	...	...	1
Bakers and Confectioners	...	...	2
Laundry	...	...	1
Total No. of Workshops on Register	...	...	11

A. H. POOLE,
M.O.H.

